

DPM 3542

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME <b>3M COMPANY</b>		EMERGENCY TELEPHONE NO. <b>(612) 733-2328</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>3M CENTER, ST. PAUL, MINNESOTA 55101</b>		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS <b>3M Brand FASTBOND 10</b>
CHEMICAL FAMILY	FORMULA <b>Contact Cement</b>	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Aliphatic Petroleum Naphtha				40-45	250 ppm
Acetone				20-25	1,000 ppm
Toluol				< 10	100 ppm

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	Acetone	134	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	0.82
VAPOR PRESSURE (mm Hg)	Acetone @ 68° F.	180	PERCENT VOLATILE BY WEIGHT	78
VAPOR DENSITY (AIR=1)		> 1	EVAPORATION RATE (— Ether — =1)	Slower
SOLUBILITY IN WATER		Low		
APPEARANCE AND ODOR	Yellow - solvent odor			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	< 0° F. (C.C.)	FLAMMABLE LIMITS	LeI	Uel
			1	13
EXTINGUISHING MEDIA	CO <sub>2</sub> , foam, dry chemical			
SPECIAL FIRE FIGHTING PROCEDURES	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

### SECTION V - HEALTH HAZARD DATA

**THRESHOLD LIMIT VALUE**

See Section II.

**EFFECTS OF OVEREXPOSURE**

Liquid irritating to the eyes. May irritate or defat skin. Vapors irritating to the eyes. Concentrated vapors may cause dizziness and narcosis.

**EMERGENCY AND FIRST AID PROCEDURES**

Eye Contact: Immediately flush eyes with plenty of water. Obtain medical attention.

Skin Contact: Wash with soap and water.

Inhalation: Provide fresh air.

### SECTION VI - REACTIVITY DATA

**STABILITY**

UNSTABLE

**CONDITIONS TO AVOID**

STABLE

X

**INCOMPATIBILITY (Materials to avoid)**

**HAZARDOUS DECOMPOSITION PRODUCTS**

Thermal decomposition may produce CO & CO<sub>2</sub>.

**HAZARDOUS  
POLYMERIZATION**

MAY OCCUR

**CONDITIONS TO AVOID**

WILL NOT OCCUR

X

### SECTION VII - SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Extinguish all ignition sources. Collect spilled material and place in closed container.

**WASTE DISPOSAL METHOD**

Incinerate properly in accordance with local regulations. Do not landfill.

### SECTION VIII - SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION (Specify type)**

**VENTILATION**

**LOCAL EXHAUST**

Recommended

**SPECIAL**

**MECHANICAL (General)**

**OTHER**

**PROTECTIVE GLOVES**

PVA Gloves

**EYE PROTECTION**

Chemical Goggles

**OTHER PROTECTIVE EQUIPMENT**

### SECTION IX - SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Keep away from all sources of ignition. Vapors may ignite explosively.

Use only in areas adequately ventilated to keep vapors below threshold

**OTHER PRECAUTIONS** limit values and lower explosive limit. Avoid static sparks.

Avoid prolonged breathing of vapors and prolonged or repeated skin contact.

Avoid eye contact. Keep container closed when not in use.